

**CONTROLLING THE EXTINCTION RATIO**  
**OF OPTICAL TRANSMITTERS**

**ABSTRACT OF THE DISCLOSURE**

5        A system and method for stabilizing an extinction ratio for an optical transmitter that uses a laser diode that is modulated by a laser driver, the scheme having a modulating current and a bias current, wherein a portion of the bias current is fed forward into the modulating current to stabilize the extinction ratio and thereby improve a laser's performance over time and with increases in  
10      temperature.